

BARNETT, C.F.; BELL, P.R.; LUCE, J.S.; SHIPLEY, E.L.; SIMON, A.; BARLAI,
Katalin [translator]

Thermonuclear experiments at Oak Ridge. Atom taj 2 no.2:150-170
Ap '59.

HUNG

66. Determination of the permeability of oil rocks
from the electric logs -- Olajtáról közelök permeabilitá-
tsának meghatározása az elektromos szelvényekből -- Z.
Barlai. (Hungarian Journal of Mining. -- Bányászat
Lapon -- Vol. 8 (86), 1953, No. 7, pp. 374--377, No. 8,
pp. 410--418, No. 9, pp. 453--457, 21 figs., 1 tab.)

The purpose of the electric logging of oil rocks is to obtain data by which the number of deep drillings can be reduced to a minimum. In oil production permeability is the most important petrographic characteristic, it may be determined by several methods of calculation. It may be established that methods based on the physical properties of the transitory zone, between water and oil, can be applied only to transitory zones where a stable state of equilibrium had come about between the forces of gravitation and capillarity and where no other forces took part in the formation of the zone. These methods may be applied only to oilfields, where conditions of pressure have not undergone a substantial change due to production. Methods based on the transitory zone are valid only for thick sandstone beds. In layers where the circumstances for the application of the Wyllie-Spangler-Tixier formulae are present, measurements in respect to the surface stress between water and oil i.e. water and gas as well as the specific gravity of the water and oil must be made. In the oilfields of southern Hungary the Wyllie-Rose method promises to be the most successful.

BARLAI, Z.

On some error sources of electric well logging. Acta techn Hung 30
no.1/2:169-206 '60. (EEAI 10:1)

1. Oil Industrial Trust, Budapest.
(Oil well logging, Electric)

BARLAK, Zbigniew, mgr inz.

Production of the A-24 Installation Equipment Works. Wiad
elektrotechn 30 no.5:156-157 My '62.

BARIAK, Zbigniew, mgr inż.

Some products of the Installation Equipment Factory in Gostyn.
Wiad elektrotechn 31 no. 5:115-116 My '63.

BARLAKOV, A. I.

"Floating Warm Water Reservoirs (in Winter Lumbering)," Les. prom., 12, No.1, 1952

EARLAMOV, M. L.

CM

PRECIOUS AND INDUSTRIAL METALS
Utilization of intermediate products of extraction of vanadium from ores, concentrates and slags for the preparation of vanadium catalysts. I. Utilization of calcium vanadate. J. A. Prokopetz. *Sborn. Trud. Ukrains. Chim. Inst. Odessa* 1935, No. 1, 49-58. Crude Ca(V₂O₅) (I) is extd. during 2.5 hr. with boiling 70% K₂CO₃, and then for a further 3.5 hr. with 30% K₂CO₃, when 95% of the V is present in soln. as KV₃O₈, utilisable for the prepn. of Boreskov's B.O.V. catalyst (cf. preceding abstract). The necessary expenditure of K₂CO₃ is 0.9 kg. per kg. of I.

II. Utilization of alkaline extracts of titanomagnetite metallurgical slags. M. L. Harlamov. *Ibid.* 59-64. Aq. Na₂CO₃ exts. of Kertsch titanomagnetite slag contain V₂O₅ 4.17, Cr₂O₃ 5.27 and NaHCO₃ 5.1 g. per l. HCl is added to neutralize the NaHCO₃, and K silicate is then added, followed by AlCl₃ and BaCl₂ in such proportions as to give a ppt. contg. SiO₂ 11.8, Al₂O₃ 1.0 and BaO 2.12 parts per l.

B.C.A.

18

"KUJAS, A. S.

IA 41/MR/TS

USER/Mining Methods

Apr '82

"Classification of Mining Systems," Dr G. A. Tadukidze, Prof, Active Lieut, Acad Sci Georgian SSR; A. L. Alyanskiy, P. I. Gerodetskiy, N. A. Korchko, Ye. Ya. Lashua, M. N. Polyakov, Co-Workers of Chair of Ore Mining, Ivanograd Mining Inst; V. I. Markelov, P. M. Vol'fson, A. G. Barlat, Mining Engineers; L. I. Terek, V. V. Senovskiy, Candidates Tech Sci, 7 pp

"Gor Zhur" No 4:

Proposed classification has two main divisions: mining, which starts at deposits of small and average width, and mining steeply sloping deposits of any width and large deposits with mildly sloping walls. First division is divided into: solid, pillar, and room-pillar. Second has two main subdivisions (containing a more detailed breakdown): Mining is done without collapse; leaning rocks in early stages of extraction, and mining is done with collapsing of leaning rocks in early stages of extraction.

BARLAS, A.G.

BARLAS, A.G., inzh., ZITSER, I.S., inzh.; RIVKIN, I.D., kand.tekhn.nauk.

New timbering techniques used in mines of the Krivoy Rog and
Nikopol' Basins. Bezop.truda - prom. 1 no.10:5-6 O '57.
(MIRA 10:11)

1. Krivorozhskiy nauchno-issledovatel'skiy gornorudnyy institut.
(Krivoy Rog Basin--Mine timbering)
(Nikopol' Basin--Mine timbering)

DDW-107-52-3-10-01

AUTHORS: Barlas, A.G. and Zitser, I S., Mining EngineersTITLE: Metallic Supports in Mines of the Nikopol' Manganese Basin
(Metallicheskaya krep' na shak-tvaki Nikopol'skogo manganovogo basseyna)

PERIODICAL: Gornyy zhurnal, 1956, Nr 3, pp 46-50 (USSR)

ABSTRACT: The exploitation of the Nikopol' manganese deposits is conducted under very difficult conditions. The deposit forms an argillaceous structure 2-3 m thick, which is covered by about 80 m thick layers of clays and sands; the underlying layers are also unstable and water-bearing. The pressure is therefore very high and the galleries must be reinforced by supports. Until 1955 wooden supports were used, although very thick supports were used they were frequently destroyed. The mine imeni Voroshilova uses metallic pliable supports of special profiles SU-18 and SU-18. Each support is a ring formed by 4 parts. This kind of support is the best adapted for these conditions of all-around pressure. The supports are placed at 0.5 m intervals and the rest of the sides are tightened with wedges. To work in "pliable conditions" the reaction of supports defined by the resistance in locks must not exceed their bearing capacity; otherwise the whole construction will work in "hard conditions" and

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NOV-127-58-3-10/24

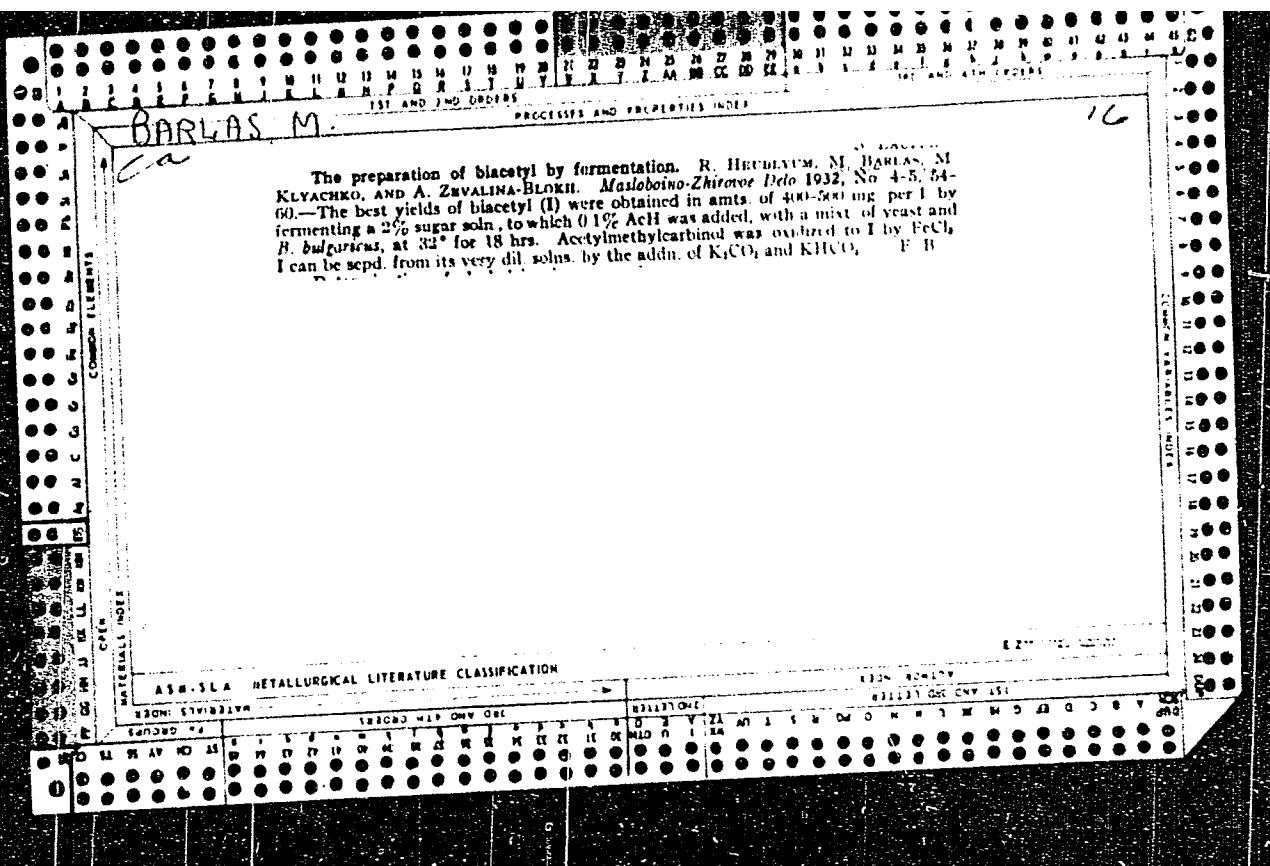
Metallic Supports in Mines of the Nikopol Manganese Basin

will be deformed even by lesser pressures. The author presents graphs of pliability and of pressure for Si-18 and SP-28 supports. The use of metallic supports in the manganese mine imeni Veroshilev greatly improved the conditions in the exploiting galleries and the amount of the ore left unextracted diminished twofold. The general ore output increased 2.5 times during three years of use of metallic supports, and the workers' production capacity increased sharply and, as a result, the cost of 1 t of manganese ore decreased. There are 2 photos, 1 figure and 3 graphs.

ASSOCIATION: (NIGRI)

1. Mining engineering
2. Soils--Stability
3. Structures--Design
4. Metals--Performance

Card 2/2



BARLAS, V.Ya. [translator]; MEDYANTSEV, A.I. [translator]; PETRENKO, V.S.,
[translator]; PUSHCHAROVSKIY, Yu.M. [translator]; TUGOLESOV, D.A., red.;
ROMANOVICH, G.P., red.; NIKIFOROVA, A.N., tekhn.red.

[Living structural geology; a collection of articles. Translated
from the English, German, and French] Zhivaia tektonika; sbornik
statei. Perevod s angliiskogo, nemetskogo i frantsuzskogo V.IA.Barlasa
i dr. Pod red.i s predisl.D.A.Tugolesova. Moskva, Izd-vo inostr.
lit-ry, 1957. 339 p. (MIRA 10:12)

(Geology, Structural)

BAKLAS, V. YA.

"Review of the book Mathematical Thinking in the Social Sciences"
(21 December 1956).

Paper presented at the Seminars on Cybernetics at Moscow University during
the 1956-57 school year.

Problemy Kibernetiki, No. 1, 1958

BARLAS, V.Ya.[translator]; KEYLIS-BOROK, V.I., red.; RIZNICHENKO,
Yu.V., red.; PANTIEVA, V., red.; LOTSENKO, V., tekhn. red.

[Underground nuclear explosions] Podzemnye iadernye vzryvy.
Moskva, Izd-vo inostr. lit-ry, 1962. 247 p. (MIRA 15:8)
Translated from the English.

(Underground nuclear explosions)

BARLAS, Ye.V.; TOPOLYANSKAYA, S.I.; KATS-CHERNOKHVOSTOVA, L.Ya., professor, zaveduyushchiy; VITINA, R.G., zaveduyushchiy.

Phage typing of typhoid fever cultures isolated from carriers; author's abstract. Zhur.mikrobiol.epid.i immun. no.9:26-27 S '53. (MIRA 6:11)

1. Kafedra epidemiologii I Moskovskogo ordena Lenina meditsinskogo instituta (for Kats-Chernokhvostova). 2. Punkt po obследovaniyu na nositel'stvo voz-buditeley kishechnykh infektsiy pri Kirovskoy rayonny sanitarno-epidemiologicheskoy stantsii Moskvy (for Vitina). (Typhoid fever)

Результаты фаготипирования бактерий

из носителей инфекций кишечных инфекций в Авиа-Городе
при Кировском районном санитарно-эпидемиологическом

BARLASOV, B.Z.; BELKIN, L.A.; PIN, L.M.

Calculating the tuning parameters of the system for the automatic
control of alcohol evaporation. Khim. prom. 41 no. 5:366-368
Mys '65.
(MIRA 18:6)

BARLASOV, M.

Using 180 grams instead of 500. Mest.prom.i khud.promys. 2
no. 5:14-15 My '61. (MIRA 14:5)

1. Zamestitel' direktora Irkutskoy fabriki khimicheskoy chistri
i krasheniya odezhdy, g. Irkutsk.
(Cleaning and dyeing industry--Equipment and supplies)

DUDENIK V, S.; LIVSHITS, A.; PASHOVKIN A.; YEVSEYEVA, A.: BARLAUKHOV, M.; VARTANYANTS, S.; RABINOVICH, M.

Results of the industrial tests of the OPSB frother at the Kadzharan ore-dressing plant. Prom.Arm. 5 no.9:41-45 S '62.

(MIRA 15:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov (for Dudenkov, Livshits). 2. Nauchno-issledovatel'skiy gornometallurgicheskiy institut Soveta narodnogo khozyaystva Armyanskoy SSR (for Pashovkin). 3. Kadzharanskiv kombinat Soveta narodnogo khozyaystva Armyanskoy SSR ~~for Yevseyeva, Barlaukhov, Vartanyants, Rabinovich~~.

(Kadzharap—Ore dressing—Equipment and supplies)

PAGAY, E.

Research work on the clarification of conditions in connection with the introduction of continuous production in the sawmill industry where deciduous trees are processed.

p. 3 (FAIPAR) Vol 7 No. 1 Apr. 1957

SO: Monthly Index of East European Acessions (A.EI) Vol. 6, No. 11, November 1957

BARLET, V.P., inzh.

Calculating shells of the operating parts of mine haulage machinery under axially asymmetric loads. Izv. vys. ucheb. sov.; gor. zhur. 8 no.1.68-72 '65. (MFA 18:3)

I. Korsunarskiy gornometallurgicheskiy institut.

SHIRNOV, G.F.; BARIN, V.D.

Experimental determination of loads on flying crop shears.
Inst. i gornorud. prom. no.3:43-45 My-Je '65.
(MEM. 18:11)

BARLIK, Irena (Bydgoszcz)

Bacteriological examinations of the production cycle of sterilized
canned meats; pork goulash and beef in natural sauce. Rocznik nauk
roln wst 70 no.1/4:423-424 '60. (EEAI 10:9)

(Meat) (Beef) (Pork)

HALZL, Jozsef; TORMA, Miklos; BARLAY, Karoly

Power development by customary fuels and the efficiency of its use. Energia es atom 14 no.4/5:155-174 My '61.

1. HOTERV (for Halzl and Torma). 2. Eromuveket Tervezo Iroda (for Barlay).

OCSAI, Mihaly; HALZL, Jozsef; TORMA, Miklos; BARLAY, Karoly

Establishment of nuclear reactors on commercial scales;
economic and social factors. Energia es atom 14 ~~No. 4/5:214-223~~
My '61.

1. Eromuveket Tervezo Iroda (for Ocsai and Barlay).
2. HOTERV (for Halzl and Torma).

BARLET, L.; KVITKO, V., inzh.

Work at a site with a concreting combine at the Krivoy Rog
Cement Plant. Bud.mat.i konstr. no.5:37-40 S-0 '62.

(Krivoy Rog---Lightweight concrete)

(MIRA 15:11)

BARLET, V.D., inch.

Study of the stresses in the shell of a caving winch drum under an axially asymmetrical load. Izv.vys.ucheb.zav.,gor,zhur. 6 no.11: 114-120 '63. (MIRA 17:4)

1. Komunarskiy gornometalurgicheskiy institut. Rekomendovana kafedroy gornykh mashin i rudochnogo transporta.

BRIET, V.V., and V. N. KERZNER. "Structure and properties of the unique radical cation hydrocarbons." *J. Phys. Chem.*, 1961, 65, 1211-1216.

BARLIT, V.V., inzh.

Investigation of the operation of a special Francis turbine;
calculation and study of runner models. Izv.vys.ucheb.zav.;
energ. no.5:100-108 My '58. (MIRA 11:8)

1.Khar'kovskiy politekhnicheskiy institut im. V.I. Lenina.
(Hydraulic turbines—Models)

BARLIT, V.V., inzh.

Determining the shape of edges of runner vanes in Francis-type hydraulic turbines. Izv.vys.ucheb.zav.; energ. no.12:110-117 D '58.
(MIRA 12:3)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.
(Hydraulic turbines--Blades)

BARLIT, V.V., kand.tekhn.nauk

Character of flow through the Francis turbine. Izv.vys.ucheb.
zav.; energ. 2 no.12:124-132 D '59. (MIRA 13:5)

1. Kar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.
Predstavlena kafedroy gidravlicheskikh mashin.
(Hydraulic turbines)

BARLIT, V.V.

Using the method of conformal representations on a surface of
revolution in profiling the blades of Francis hydraulic turbines.
Trudy KhPI. Ser.mash..19 no.5:199-210 '59. (MIRA 14:9)
(Conformal mapping) (Blades)

S/143/61/000/002/006/006
A207/A126

AUTHORS: Shmuglyakov, L. S., Doctor of Technical Sciences
Candidate of Technical Sciences

TITLE: Results of investigations in the field of hydro-turbine construction

PERIODICAL: Energetika, no. 2, 1961, 109 - 114

TEXT: The department of hydraulics at the KhPI im. V. I. Len'ji has conducted a series of investigations and developed new types of hydro-turbines. The present article summarizes the results of this work. The following features are outlined: a) production of a circulating part of a radial-axial turbine for 100 m pressures. An attempt was made to increase its speed and capacity at an adequate efficiency coefficient, good cavitation conditions of the turbine. In this connection, investigations are being conducted at the department in cooperation with the Khar'kov Plant im. M. Kirov, on the development of the circulating part of the hydro-turbine, for the Krasnoyarsk GES (hydro-power station), ensuring a $Q'_t = 1,060 \text{ m}^3/\text{s}$ and $n'_t = 70 \div 80 \text{ rpm}$, in the estimated point. The latter can also be used for the Irtyshskiy, Yeniseyskiy GES, etc. 2) Certain features of the

Results of investigations in the field of...

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A207/A126

ter-rotary hydroturbine. The hydraulics department, in cooperation with the MEI, LPI, Hydropoject, KhTGZ, is working on the design of a counter-rotary hydroturbine, which is primarily based on the estimation and contouring of the wheels, on the investigation of the latter for their horizontal axle mounting. Low-pressure wheels were designed resembling the PL661, and high-pressure ones - that of the PL642 and 3a. The methods of elevating forces were used in the designing, developed by G. F. Proskura, and the vortex method - by A. F. Lesokhin and L. A. Simonov. As a result, wheels of normal shape were produced, satisfying the criteria used in evaluating wheels of normal rotary-blade hydroturbines. The working wheels were designed, considering their vertical axle mounting and the presence of a radial distributor with cylindrical blades. A special set-up with horizontal axle mounting is being manufactured for purposes of power and cavitation investigations of counter-rotary hydroturbines. The construction of this apparatus will help to carry out highly accurate investigations, satisfying the requirements of modern engineering. There are 4 figures and 10 Soviet-bloc references.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut imeni V. I. Lenin (The Khar'-kov Polytechnical Institute imeni V. I. Lenin)

Card 3/3

SHMUGLYAKOV, L.S., doktor tekhn.nauk; BARLIT, V.V., kand.tekhn.nauk

Effect of the output of the rotor wheel on the indices of a
Francis-type hydraulic turbine. Izv. vys. ucheb. zav.; energ. 5
no.3:88-95 Mr '62. (MIRA 15:4)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.
Predstavlena kafedroy gidravlicheskikh mashin.
(Hydraulic turbines)

BARLIT, V.V., kand.tekhn.nauk

Problem concerning the use of Bauersfeld's method for profiling
the rotor wheel vanes of a Francis-type hydraulic turbine. Izv.
vys.ucheb.zav.; energ. 5 no.11:113-120 N '62. (MIRA 15:12)

1. Khar'kovskiy politekhnicheskij institut imeni V.I. Lenina.
Predstavlena kafedroy gidravlicheskikh mashin.
(Hydraulic turbines)

SHMUGLYAKOV, L.S., doktor tekhn.nauk, prof.; BARLIT, V.V., kand.tekhn.nauk,
dotsent

Features of a flow at the entrance and discharge of the runner and
consideration of these features in profiling the blades of
Francis-type hydraulic turbines. Izv. vys. ucheb. zav.; energ. 6
no.7,96-103 Jl '63.
(MIRA 16;8)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.
Predstavlena kafedroy gidravlicheskikh mashin.
(Hydraulic turbines)

SHKINOVSKIY, I.I., senior techn. mach., prof.; ross. vys., na. inzh.
inzh., present; KOLCHIN, V.A., inzh.

Analysis of the velocity field in the flow area of a mixed-stage
Francis turbine. Izv. vys. ucheb. zav.; mashinostr. inzh.-tekhnicheskaya
literatura, 1971, No. 1.

I. Khar'kovskiy politekhnicheskiy institut.

SHMUGLYAKOV, L.S., doktor tekhn. nauk, prof.; BARLIT, V.V.; kand. tekhn. nauk, dotsent; KOLYCHEV, V.A., inzh.

Development of impellers for high-speed Francis turbines for pressures of the 100 m. order. Izv. vys. ucheb. zav.; mashinostr. no.1C:107-118 '64
(MIRA 18st)

1. Khar'kovskiy politekhnicheskiy institut.

SHMUGLYAKOV, L.S., doktor tekhn. nauk, prof.; BARIIT, V.V., kand.
tekhn. nauk, dotsent; BITTENEK, A.I., inzh.; POTETENKO, O.V., inzh.

Development of the runners of high-pressure Francis turbines.
Izv. vys. ucheb. zav.; energ. 9 no.1:87-95 Ja '66.

(MIRA 19:1)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.
Predstavlena kafedroy gidravlicheskikh mashin. Submitted April 24,
1965.

BARLOGOVA, S.

"Increase of Small Quantities of Chlortetracycline," Ceskoslovenska Hygiena, Vol. 7,
No. 10, Prague, Dec 60, p. 586.

Affiliation: Regional Institute of Hygiene, Bratislava.

Radiology

YUGOSLAVIA

CUPAR, Ivo; and BARLOVIC, Mladen, Clinic for Maxillofacial Surgery, Medical Faculty of University (Klinika za maksilofacijalnu kirugiju Medicinskog Fakulteta) Zagreb

"Radiation Necrosis of the Jaw"

Radovi Medicinskog Fakulteta u Zagrebu, Vol 13, No. 3, 1965 pp 195-203

Abstract [German summary modified]: Narrative report of experience with 15 patients, all treated with radiation for neoplastic disease of organs of the maxillofacial area, who had a side reaction in the form of radiation necrosis of the jaw. The incidence of this adverse effect is stated to be 5 to 24%; the diagnostic and therapeutic difficulties are outlined and discussed. Photomicrograph, roentgenogram, 4 patient porte photographs; 25 Western references; manuscript received 10 May 1965.

1/1

KOLOMIYCHENKO, A.I., prof., Laureat Leninskoy premii, zasl. deyatel' nauki, red.; LUKOVSKIY, L.A., prof., red.; ZARIISKIY, L.A., prof., zasl. deyatel' nauki, red.; PITENKO, N.F., prof., red.; GLADKOV, A.A., prof., red.; KURLIN, I.A., prof., red.; MOSTOVVOY, S.I., doktor med. nauk, red.; BARLYAK, R.A., prof., red.; SHPAREMKO, B.A., dots., red.; ROZENGAUZ, D.Ye., dots., red.; KHARSHAK, B.M., dots., red.; CHERNOVA, I.A., kand.med. nauk, red.

[Current problems of clinical and experimental otolaryngology]
Aktual'nye voprosy kliniko-eksperimental'noi otolaringologii.
Kiev, Zdorov'ia, 1964. 350 p. (MIRA 18:2)

1. Nauchno-issledovatel'skiy institut otalaringologii. 2. Otdel profpatologii Nauchno-issledovatel'skogo instituta otolaringologii (for Pitenko).

BARLYAYEV, K. M.

PA 3T1

USSR/Mining Machinery

Nov/Dec 1946

"Construction Equipment," K M Barlyayev, 4 pp

"Mehk Stroytelstva" Vol III, No 11/12

Series of notes on various machines:

New self-feeding centrifugal pumps

Magnetic separator

Kennedy Mill (Trailing Wheel)

Mobile elevators, mobile crane-mast, elevator pile-driver. Illustrated with photographs and schematic diagrams.

3T1

BARLYAYEV, K.M.; ALEKSEYEV, S.N.

[Concrete pumps] Betononasosy. Moskva, Gos.nauchno-tekhn.izd-vo mashino-stroit.lit-ry, 1953. 110 p.
(Concrete construction) (Pumping machinery)

(MIRA 6:8)

BARLIAEV, K.M.

BESSER, Ya.R., kandidat tekhnicheskikh nauk; SATS, M.N., inzhener.

"Concrete pumps." K.M.Barliaev, S.N.Aleksiev. Reviewed by I.A.R.Besser,
M.N.Sats. Mekh.stroi, 11 no.6:31-32 Je '54. (MIRA 7:6)
(Concrete construction) (Pumping machinery)

BARLYAYEV, K.M., inzhener.

Development of the production of equipment for the building materials industry is one of the most important tasks for the Ministry. Stroi.
i dor.mashinostr. no.11:8-12 N '56. (MLRA 9:12)
(Building materials industry)

BABLYAYEV, K.M., inzh.; POZDNYAKOV, N.G., inzh.

Further growth of the production of equipment used in building
materials and construction industries. Stroi. i dor. mashinostr.
3 no. 6:26-32 Je '58. (MIRA 11:7)
(Building materials industry)
(Construction industry)

BARLYAYEV, K.M., inzh.

New machines for the building materials industry to be manufactured in 1959-1965. Stroili dor.mashinostr. no.7:7-12
Jl '59. (MIRA 12:11)
(Building materials industry)
(Machinery)

BARLYAYEV, K.M., inzh.

The construction industry deserves new technology. Mekh. stroi.
18 no.10:27-29.0 '61.
(MIRA 14:11)

1. Nachal'nik podotdela stroitel'no-dorozhnogo i pod'yemno-
transportnogo mashinostroyeniya Gosplana SSSR.
(Building machinery)

BERKH, Ye.M., kand.ekon.nauk; KORNYUSHINA, A.P., inzh.; KRAMM, A.S., inzh.;
BARLYAYEVA, M.S., inzh.; KHEYFETS, F.N., inzh.

Potentials for the growth of labor productivity in the lime
industry. Sbor. trud. ROSNIIMS no.20:119-125 '61. (MIRA 16:1)
(Lime industry—Labor productivity)

BARIYAYEVA, YE. V.

Barlyayeva, Ye. V. "Determining the total quantity of nitrogen and albuminicus nitrogen by a new method of Gudzenko-Ronchinskiy," Trudy Otd. kormleniya (Kazakh. filial Vsesoyuz. akad. s.-kh. nauk im Lenina, In-t zhivotnovodstva), Issue 1, 1948, p. 117-19

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

BARLYBAYEV, G.A.

Undercutting blocks by deep boreholes at the Tekeli Mine. Trudy
Inst. gor. dela AN Kazakh. SSR 6:3-9 '60. (MIRA 13:12)
(Tekeli region--Mining engineering)

BARLYBAYEV, G.A.

Compensation space and ways to provide it at the Tekeli Mine.
Trudy Inst. gor. dela AN Kazakh. SSR 6:16-24 '60. (MIRA 13:12)
(Tekeli region--Mining engineering)

DZHAKUPBAYEV, A.N.; USPANOV, K.Ye.; BARLYBAYEV, G.A.; PARNIKOV, V.P.;
DZHANSUGUROV, S.I.

Construction parameters of chambers and pillars in a system with
complete filling in the Tekeli Mine. Trudy Inst. gor. dela
AN Kazakh. SSR ll:3-15 '63. (MIRA 16:8)

(Tekeli region (Kazakhstan)--Mining engineering)

FEDORIN, Yuriy Vasil'yevich; PETELIN, A.M., kand.sel'skokhoz.nauk, oty.
red.; BEZSONOV, A.I., glavnnyy red.; USPANOV, U.U., zamestitel'
glavnogo red.; BOROVSKIY, V.M., red.; SOKOLOV, A.A., red.; SOKOLOV,
S.I., red.; STOROZHENKO, D.M., red.; BARLYRAYEVA, K., red.;
SHEVCHUK, T.I., red.; PROKHOROV, V.P., tekhn.red.

[Soils of the Kazakh S.S.R. in 16 volumes] Pochvy Kazakhskoi SSR
v 16 vypuskakh. Alma-Ata. Vol.1. [Soils of North Kazakhstan
Province] Pochvy Severo-Kazakhstanskoi oblasti. 1960. 173 p.
(MIRA 13:7)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut pochvo-
vedeniya.

(North Kazakhstan Province--Soils)

PRESNYAKOV, Aleksandr Aleksandrovich; MOSKVICHENKA, L.N., red.; BARLYBAYIWA,
K.Kh., red.; ROROKINA, Z.P., tekhn.red.

[Plasticity of alloys] Plastichnost' metallicheskikh splavov.
Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1959. 209 p.

(Plasticity) (Alloys--Metallography) (MIRA 13:2)

DZHANPEISOV, R.; SOKOLOV, A.A.; FAIZOV, K.Sh.; BEZSONOV, A.I., glavnnyy
red.; USPANOV, U.U., zam.glavnogo red.; BOROVSKIY, V.M., red.;
SOKOLOV, S.I., red.; STOROZHENKO, D.M., red.; BARLYBAYEVA, K.Kh.,
red.; IVANOVA, E.I., red.; PROKHOROV, V.P., tekhn.red.

[Soils of the Kazakh S.S.R. in 16 volumes] Pochvy Kazakhskoi
SSR v 16 vypuskakh. Alma-Ata. Vol.3. [Soils of Pavlodar
Province] Pochvy Pavlodarskoi oblasti. 1960. 264 p.

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut pochvo-
vedeniya.

(Pavlodar Province--Soils)

KALININ, S.K.; PAYN, E.Ye.; PEREVERTUN, V.M.; BARLYBAYEVA, K.Eh., red.;
PROKHOLOV, V.P., tekhn.red.

[Use of a DFS-3 (13) diffraction spectrograph for the analysis
of mineral raw materials] Primenenie difraktsionnogo spektro-
grafa DFS-3 (13) dlia analiza mineral'nogo syr'ia. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi SSR, 1960. 35 p. (MIRA 13:5)
(Spectrum analysis)

4077L

S/124/62/000/009/014/026
A001/A101

26. 5. 200 4112
AUTHORS: Burlybayev, Kh. A., Bukhman, S. V.

TITLE: Investigation of convective heat transfer at high thermal loads

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 9, 1962, 76, abstract 9B520
("Tr. Kazakhsk. un-ta", 1960, no. 2, 67 - 71)

TEXT: The article presents the results of experiments on heat transfer in a copper cylindrical tube of 4×2 mm cross section at thermal loads from 0.07×10^6 to 6.2×10^6 kcal/m²hr. The temperature of heat carrier (distilled water) in the operational section of the heat exchange tube varied from 11.8 to 50°C; the temperature of the internal surface of the tube varied from 34 to 110°C in various experiments. The tube was heated by electric current. Since the tube resistance was constant over its length, heat emission per unit length was also constant, which was confirmed by a linear temperature distribution along the heat exchanger. In determining the temperature of the internal tube surface, temperature drop in the radial direction was taken into account. The experiments were carried out within the range of Prandtl numbers $7.9 \leq P \leq 3.05$ and Reynolds

Card 1/2

38975
S/137/62/000/006/007/163
A006/A101

26.5/61
AUTHORS: Barlybayev, Kh. A., Bukhman, S. V.

TITLE: Investigating the heat exchange in a ring-shaped channel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 1 - 2, abstract 6B⁴
("Izv. AN KazSSR, Ser. energ.", 1961, no. 1(19) 21 - 29, Kaz. summary)

TEXT: The authors analyze the effect of the channel geometry (the correlation of radii of the external and internal pipes forming the channel). According to the calculation performed, the channel geometry exerts a substantial effect upon the temperature field, heat exchange and the very flow. The asymmetry of the temperature profile, in particular, the location of the temperature maximum, depends on the ratio of the radii. The same dependence is characteristic of the number Nu in stabilized heat exchange, which, in general, is determined by two parameters, i.e. the ratio of the radii and the ratio of heat flows through the channel walls. An evaluation of heat emission, separately performed for the internal and external wall of the ring-shaped channel, shows that in the former

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S/137/62/000/005/007/163
A006/A101

Investigating the...

the heat emission is more intensified, in particular, at a high ratio of the external and internal pipe radii of the ring-shaped channel. The calculations performed (for the case of constant heat flows through the channel walls) show that the location of the temperature maximum depends only slightly on the rate profile. The effect of the latter upon heat emission is evidently of the same nature as for heat exchange in two extremal cases, namely a round pipe and a flat channel.

V. Oparysheva

[Abstracter's note: Complete translation]

Card 2/2

BARLYBAEV, K. A.

BARLYBAEV, K. A., BUKHMAN, S. V., ZHURGENBAYEV, K. A., and USTIMENKO, B. P.

"Some Problems of Heat Transfer by Convection in an Incompressible Liquid (internal problem)."

Report submitted for the Conference on Heat and Mass Transfer,
Minsk, BSSR, June 1961.

BARLY BAYEV, Kh.A.; BUKHMAN, S.V.; ZHURGEMEAYEV, K.A.; USTIMENKO, B.P.;
ATENKOV, S., tekhn. red.

[Some aspects of convective heat transfer in an incompressible fluid (internal problem); Conference on Heat and Mass Transfer, Minsk, January 23-27, 1961] Nekotorye voprosy konvektivnogo teploobmena v neszhimaemoi zhidkosti (vnutrenniaia zadacha); soveshchanie po teplo-i massoobmenu, g. Minsk, 23-27 ianvaria 1961 g. Minsk, 1961. 17 p. (MIRA 15:2)
(Heat-Convection) (Hydrodynamics)

~~BARLYBAYEV, KH. A.~~

AID-Nr. 978-2 28 May

STUDY OF HEAT TRANSFER AND HYDRODYNAMICS IN TURBULENT FLOW THROUGH ANNULAR DUCTS (USSR)

Barlybayev, Kh. A. IN: Akademiya nauk Kazakhskoy SSR. Vestnik, no. 3, Mar 1963, 29-40.
S/031/63/000/003/001/003

The Department of General and Molecular Physics, Kazakh State University imeni S. M. Kirov, and the Institute of Power Engineering, Kazakh Academy of Sciences, have studied heat transfer and hydrodynamics in annular ducts to obtain data applicable to various heat transfer problems (e.g., in nuclear reactors). The experiments were conducted in a test assembly consisting of a brass tube 1625 mm long with an inner diameter of 26.94 mm and of coaxially mounted tubes 3.9 to 92 mm in diameter. The wall temperatures of the annulus were maintained constant by circulating water through the inner tube and the jacket enclosing the outer tube. Cold or preheated air was passed

Card 1/2

AID Nr. 978-2 28 May

STUDY ON THE HEAT (Cont.)

S/031/63/000/003/001/003

through the annulus at Reynolds numbers of 30,000 to 130,000. Heat transfer was studied with a 10 to 30°C temperature difference between the wall and the air. The results indicate that the velocity and temperature maxima coincide, and are shifted to the inner wall in contrast to the maximum in laminar flow. Consequently, the temperature gradient at the inner wall and, therefore, the heat flux through the inner wall are higher than those through the outer wall. The flow resistance in annuli was found to be higher than values calculated by the Blasius formula for circular tubes. The data were correlated to yield an experimental heat-transfer formula which allows for the ratio of the inner wall radius to the outer.

[PV]

Card 2/2

NIKONOV, Tat'yana Nikolayevna, prof., BRIEFTEVA, Nina
Aktometnaya dots.; PIASCHUKAYA, R.; reds.

[Clinical aspects, treatment and prevention of respiratory
fever in children] Klinika, lechenie i profilaktika respi-
matizma u detei. Alma-Ata, "Karakhsan," 1965. 212 p.
(Klin. 12.1)

BARLYBAYEVA, N.A.; ABDULKHANOVA, G.G.

Clinical characteristics of the course of rheumatism and its treatment in children of preschool age. Vop. okh. mat. i det. 7 no.5:27-30 My '62. (MIRA 15:6)

1. Iz Kazakhskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva (dir. - zasluzhennyy vrach Kazakhskoy SSR A.B. Bisenova).

(RHEUMATIC FEVER)

BARLYKPAYEV, Isembay, zasluzhenny master sotsialisticheskogo zhivotnovodstva Kazakhskoy SSR; LYAKHOVETSKAYA, T.Ye., redaktor; ZLOBIN, M.V., tekhnicheskiy redaktor

[A shepherd for twenty years] 20 let raboty chabanom. Alma-Ata,
Kazakhskoe gos. izd-vo, 1956. 15 p. (MLRA 9:10)

1. Starshiy chaban kolkhoza "Krasnye gornye orly", Urdzharskogo
rayona, Semipalatinskoy oblasti (for Barlykpayev)
(Sheep breeding)

ZEMLYANSKIY, N.I.; TURKEVICH, V.V.; MURAV'YEV, I.V.; BARYLYUK, V.V.

Spectral characteristics of the P=S bond in some dithiophosphates.
Ukr.khim.zhur. 30 no.2:190-194 '64. (MIRA 17;4)

1. L'vovskiy gosudarstvennyy universitet imeni I.Franko.

BARMAK, V., inzh.; GERTSKIS, I., inzh.

AVM-20U roller mill. Muk.-elev. prom. 26 no. 11:23-25
N° 60. (MIRA 13:11)

1. Mogilev-Podol'skiy mashinostroitel'nyy zavod im.
S.M.Kirova.

(Grain--Milling machinery)

KOSHELEV, V.; SHCHEGOLEV, M.; SAAN, Kh.; KIRILYUK, P.; IVANOV, A.; SAVALENKO, I.; KRUPETS, A.; KONYATEV, A.; BARMAKOV, V.; NIKOLAYENKO, A.; LUKASHOV, A.

Our strength resides in collective labor. Mast. ugl. 8 no.8:14-15
Ag '59. (MIRA 12:12)

1.Pyatyy uchastok shakty "Novodruzheskayn" tresta Lisichanskugol'.
(Lisichansk--Coal miners)

BARMAK, V.; GERTSKIS, I.; TSIGAL, V., inzh.-konstruktor

AVM-6 roller-mill unit for rural grain mills. Muk.-elev. prom.
27 no.2:19-21 F '61. (MIRA 14:4)

1. Mogilev-Podol'skiy mashinostroitel'nyy zavod im. S.M.Kirova,
2. Glavnyy inzh. Mogilev-Podol'skogo mashinostroitel'nogo zavoda im. S.M.Kirova (for Barmak).
3. Glavnyy konstruktor Mogilev-Podol'skogo mashinostroitel'nogo zavoda im. S.M. Kirova (for Gertskis):

(Grain-milling machinery)

BARMAK, V.G., inzh.

VSK roller mill. Trakt.i sel'khozmash. 31 no.9:34-35 S '61.

l. Zavod imeni S.M.Kirova. (MIRA 14:10)

(Grain-milling machinery)

BARMAK, V.G.

The KShP-3 universal grain loader. Biul.tekh.inform.Gos.nauch.-
issl.inst.nauch. i tekhn.inform. no.6:68-70 '62. (MIRA 15:7)
(Grain-handling machinery)

BARMAK, Ya.

Incompetent way of delivering refrigerating equipment. Miss.ind.
SSSR 34 no.3:31 '63. (MIRA 16:7)

1. Ukr glavkomplektoborudovaniye.

KOZINTSEVA, Lyudmila Pavlovna; BARMAKOV, Yu.N., nauchn. red.;
TUPITSYNA, L.A., red.

[Transistor amplifiers] Usiliteli na poluprovodnikovykh
triodakh. Moskva, Vysshiaia shkola, 1965. 135 p.
(MIRA 18:4)

GAYEVY, Ye.V., kand. sots. nauk; BAKOV, A.I., kand. tekhn. nauk; VORNOVA, F.A., st. kadrov. sots.; LAMAN, L.P., LIETMAN, S.G., kand. tekhn. nauk

[New developments in the technology of meat and meat products] Novoe v tekhnologii miassa i miasoproduktov; uchebnoe posobie. [By] E.V. Gayev et al. Moscow, 1963. 222 p.

(RIBA 17:4)

L. Vsesoyuznyj nauchno-issledovatel'skiy institut miasnyj promstvli

BARKMAN, E.M., prof.; MIKHEYKIN, V.Ya., kand.med.nauk

"New forms of organization and methods of the work of municipal polyclinics" by V.A. Demidov, B.D.Petrakov, B.M.Khromov. Reviewed by E.M.Barkman, V.IA.Mikheikin. Zdrav. Ros. Feder. 8 no.2:34-36 F'63
(MIRA 17:3)

Barman, Henryk.

POLAND/General Section - Measurements. Laboratory.
Techniques.

A-6

Abs Jour : Referat Zhur - Fizika, No 1, 1958, 148

Author : Barman Henryk

Inst :

Title : International Conference and Exhibit for Measurement
Apparatus in Stockholm (17 -- 25 September 1956).
Physical-Chemical Apparatus.

Orig Pub : Pomeary, automat., kontrola, 1957, 3, No 2, 57-59

Abstract : The author gives a list of papers, delivered at the
conference, and describes certain of the exhibits.

Card 1/1

BARMASH, A., kand.tekhn.nauk

Packaging canned food. Mias.ind.SSSR 32 no.6:19 '61.

(Food, Canned--Packing)

(MIRA 15:2)

38118. BARMASH, A.

O rezhime sterilizatsii konservov. Myas. industriya SSSR, 1949,
No 6, s. 40-44

1. POLETKAYEV, T.: ARKHS, A. : BARMASH, A.
2. USSR (600)
4. Tongue
7. Salting tongues through the vascular system. Mias. ind. SCBR 23 no. 6, 1952.

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9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. DITKOV, V., BARNASH, A.
2. USSR (600)
4. Meat, Canned
7. Method of double sterilization of canned meat products. Russ. Ind. 24, No. 1,
1953.
9. Monthly List of Russian Accessions, Library of Congress, 1953 1953. Unclassified.

1. PARMASH, A.
2. USSR (600)
4. Meat, Canned
7. Ways to improve the quality of canned products. Miss. ind. 24, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

BARMASH, A., kandidat tekhnicheskikh nauk; POLETAYEV, T., mladshiy nauchnyy sotrudnik.

Protecting uncoated tin cans from corrosion. Mias.ind.SSSR 25 no.1:
27 '54. (MLRA 7:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyslennosti. (Corrosion and anticorrosives) (Containers)

BARMASH, A., kandidat tekhnicheskikh nauk; DYKLOP, V., kandidat biologicheskikh nauk; ARENS, A.

Canned ham production. Mias.ind.SSSR 25 no.2:22-26 '54. (MLRA 7:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Barmash and Dyklop). 2. Rizhskiy myasokonservnyy kombinat (for Arens). (Meat, Canned)

BARMASH, A., kandidat tekhnicheskikh nauk.

Units of canned food. Mias.ind. SSSR. 25 no.5:22-23 '54. (MLRA 7:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Meat, Canned)

BARMASH, A., kandidat tekhnicheskikh nauk; EEK, K.

Canning characteristics of moist-smoked ham. Mias.ind. SSSR 25
no.6:26-28 '54.
(MLRA 8:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy pro-
myshlennosti (for Barmash). 2. Tallinskiy myasokonservnyy kom-
binat (For Eek).
(Ham)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000203630003-4

BARMASH, A.I., kandidat tekhnicheskikh nauk; DYKLOP, V.K., kandidat biologicheskikh nauk.

Technology of ham canning. Trudy VNIIMS no.6:24-48 '54. (MLRA 10:8)
(Ham--Preservation)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000203630003-4"

~~BARMASH, A.I.~~, kandidat tekhnicheskikh nauk; DYKLOP, V.K., kandidat biologicheskikh nauk.

Technology of canning frankfurters and Paris sausages. Trudy VNIIMS
no.6:49-64 '54.
(Sausages--Preservation) (MLRA 10:8)

BARMASH, A.I., kandidat tekhnicheskikh nauk.

Efficient technology in the production of "Stew". Trudy VNIIMP
no.7:68-77 '55.
(Meat, Canned) (MLRA 9:8)

BARMASH, A., kandidat tekhnicheskikh nauk.

Production of canned meat with groats. Mias.ind.SSSR 28 no.1:26-
29 '57.

(MLRA 10:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Meat, Canned)

BARMASH, A., kandidat tekhnicheskikh nauk.; POLETAYEV, T.

Technological processes for new types of canned meat. Mias. ind.
SSSR no.2:21-23 '57. (MLRA 10:5)
(Meat, Canned)

BARMASH, A.
BARMASH, A., kand. tekhn. nank.

Production of canned meat is increasing. Mias. ind. SSSR 28 no. 5:11-
12 '57.
(Meat, Canned)

BARMASH, A.I.

Innovations in the production of canned meats. Kons.i ov.prom. 12
no.9:13-17 S '57. (MLRA 10:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promysh-
lennosti.
(Meat, Canned)

BARMASH, A.I., kand.tekhn.nauk; DERGUNOVA, A.A., starshiy nauchnyy sotrudnik;
DYKLOP, V.K., kand.bilogicheskikh nauk; DUBROVINA, L.I., mladshiy
nauchnyy sotrudnik; TRUDOLYUBOVA, G.B.; POLETAYEV, T.N.; V rabote
prinimali uchastiye; LAVROVA, L.P.; POZHARISKAYA, L.S.; ZUYEVA, L.D.;
KALITA, L.A.; NESLYUZOV, A.F.; GOL'DMAN, Ye.I.; MAKEYEVA, M.N.;
STEFANOV, A.F.

Use of blood in sausage manufacturing and canning. Trudy VNI IMP
no.9:63-74 '59. (MIRA 13:8)

1. Vsesoyuznyy nauchnoy-issledovatel'skiy institut myasnoy promy-
shlennosti (for Lavrova, Pozhariskaya, Zuyeva, Kalita, Neslyuzov).
2. Spetsialisty Moskovskogo myasokombinata (for Gol'dman, Makeyeva,
Stefanov).

(Blood as food or medicine) (Sausages)
(Canning and preserving)

BARMASH, A.I.; MASIS, F.B.

Conditions of counterpressure in the autoclave during the sterilization of meat in large cans. Kons. i ov. prom. 14 no.3:7-10 Mr '59. (MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy pro-myshlennosti (for Barmash). 2. Tsentral'naya priizvodstvennaya laboratoriya pri Moskovskom zavode pishchevykh kontsentratov No.2 (for Masis).

(Meat, Canned--Sterilization)

BARMASH, A., kand. tekhn. nauk

Determining the airtightness of tin cans during the inspection
of canned food. Mias. ind. SSSR 30 no.3:11-14 '59.
(MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy
promyshlennost.
(Tin cans)

BARMASH, A.I.

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P., BARMASH, A.I., BEDNYAKOVA, A.B.; BENIN, G.S.; BERESHEVICH, V.V.; BERNSTEYN, S.A.; BITYUTSKOV, V.I.; BLYUMENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BORMOTOV, A.D.; BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.; [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.; GOLDOVSKIY, Ye.M.; GOBUNOV, P.P.; GORYAINOV, F.A.; GRINBERG, B.G.; GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased]; DREMAYO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S., [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.; ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY, S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.; KASATKIN, F.S.; KATSUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV, I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.; LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTTSAU, V.K.; MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.; NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.; POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye., RZHEVSKIY, V.V.; ROZENBERG, G.V.; ROZENTRETER, B.A.; ROKOTIAN, Ye.S.; RUKAVISHNIKOV, V.I.; HUTOVSKIY, B.N. [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu., STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.; FEDOROV, A.V.; FERE, N.E.; FRENKEL', N.Z.; KHAYFETS, S.Ya.; KHLOPIN, M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.; SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.E.; SHTERLING, S.Z.; SHUTTY, L.R.; SHUKH GAL'TER, L. Ya.; ERVAYS, A.V.;

(Continued on next card)